

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skici-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skici-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
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Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped.	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

Work Order ID 96151***96151***

Page 2

January-23-13 10:52:54 AM

Item ID: D3015-3

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Locknut

Start Date: 2/01/13

Start Qty: 50.00

50

Cust Item ID:

Required Date: 2/01/13

Req'd Qty: 50.00

50

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start ***NR1***

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: 023

0.00

130

Packaging

Memo

0.00

Packaging

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

2/3/13 (50)13/1/29pl 13-0129

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		<input type="checkbox"/> Other

Picklist Print

January-23-13 10:52:54 AM

Page 1

Work Order ID: 96151

Parent Item: D3015-3

Parent Item Name: Locknut

Start Date: 2/01/13

Required Date: 2/01/13

Start Qty: 50.00

Required Qty: 50.00

Comments: IPP: A01.06.28New IssueSM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
PFS-LNNC5/16S1 Lock Nut		Purchased	No			110	Each	0.0000	1	50			

50 > 8P13-01-28

NCR: Yes / No

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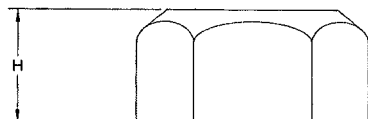
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SPECIFICATION CONTROL DRAWING



D3015-X LOCKNUT

PART NUMBER	SIZE	HEIGHT H	POSSIBLE SUPPLIER
D3015-1	1/4-20 UNC	0.31	ACKLANDS, P/N PFSLNNC14S1
D3015-3	5/16-18 UNC	0.34	ACKLANDS, P/N PFSLNNC516S1
D3015-5	7/16-14 UNC	0.46	ACKLANDS, P/N PFSLNNC716S1
D3015-7	M5	0.19	ACKLANDS, P/N FLMN021-005-0000



NOTES:

- 1) MATERIAL: SS LOCKNUT WITH NYLON INSERT
- 2) FINISH: N/A
- 3) TOLERANCES: ALL DIMENSIONS SHOWN AS REFERENCE
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

96151 MLS
13-01-24

RELEASED
09/07/15

C	REFORMAT DWG. -7 P/N NOW FLMN021-005-0000 WAS LNNM5S1 (ZN B8-1), PAR 09-020	CP	09.07.08
B	ADD D3015-7	KJ	03.07.15
A	NEW ISSUE	DS	01.05.03
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.08		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3015** REV. C
SHEET 1 OF 1
TITLE **LOCKNUT** SCALE NTS

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**ACKLANDS
GRAINGER.**

ACKLANDS - GRAINGER INC.
765 CAMERON ST.
HAWKESBURY ON K6A 2B7
(613) 632-2739

FACTURE
BILL TO
A

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON
K6A 1K7

REMIT
TO
EXPEDIEZ
A

ACKLANDS - GRAINGER INC.
PO BOX 2970
WINNIPEG MB R3C 4B5

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON
K6A 1K7

PACKING SLIP ONLY
INVOICE TO FOLLOW

PACKING SLIP#
1417 0423580

PAGE
PAGE NO
1 of 1

NO. DU CLIENT CUST. NO. 172628
NO DE REFERENCE DU CLIENT CUST. REF. NO. 18941

VENDEUR
SALESPERSON

M85

TERMES

*** NET-30 ***

NO. DE VERSEMENTS
NO. OF PMTS.

0

M.E.P.
M.B.P.

0

DATE DU PREMIER VERSEMENT
FIRST PAYMENT DATE

NO. DE LICENSE PROVINCIALE P.S.T. LIC. NO.

N/A - HST

NO. DU CONTRAT
CONTRACT NO.

EXP. DIRECTE
DIR. SHIP

N

DATE DE LA COMMANDE
ORDER DATE

01/25/2013

DATE DE LA FACTURE
INVOICE DATE

01/28/2013

ORDRE DE COMMANDE
ORDER NO.

CODE DU MAN.
MFG CODE

NO. DE PIECE ITEM NO.

PRIX DE LISTE SUGG. LIST

00/00/0000 13:39

APP. DE CREDIT
CREDIT AUTH

S'APPLIQUE AU NO DE FACTURE
APPLY TO INVOICE NO.

RC/
B.O./SUB.

COPIES

T.P.&G.S.T.

DESCRIPTION

QUANTITE
COMMANDEE
QUANTITY
ORDERED

QUANTITE
EXPEDIEE
QUANTITY
SHIPPED

CODE
DE
COMMANDE
B.O. CODE

UNITE DE MESURE
DE COMMANDE
ORIGINE
OF MEASURE

PRIX PRICE

PAR PER

ESC DIS

PRIX
EXTENSIONNE
EXTENDED
PRICE

T.
P.
S.
T.

C07B PFS FW14S1 9.64
WASHER FLAT 18.8SS 1/4
C07E PFS LNNC516S1 20.04
NUT LOCK NYLON HEX NC 5/16 18.8 SS

✓ 500
✓ 50

500
50

EA
EA

5.93
100
12.00
100

✓ 29.65
✓ 6.00

NY
NY

HST# 88970-1272/TVQ# 1019602903

LEUR SHIP VIA

H CUSTOMER PICK

FACT DEDUIT
SHIP VV

EXPORTATION
SHIP QUANTITE

PORT PAYE
PPD FREIGHT

DATE DE LIVRAISON REQUISE
REQUESTED DELIVERY

CONNAISSANCE
BILL OF LADING

CODE DE COM. DEF. B.O. CODE

B - B.O. COMMANDE DEF.
C - ANNULEE CANCEL
D - EXP DIRECTE DIR. SHIP

9275

9305

T.P.S./T.V.H.
G.S.T./H.S.T.
TAXE PROV.
PROV. TAX

35.65

4.63

0.00

40.28

MONTANT TOTAL TOTAL AMOUNT

COPIE DU CLIENT
CUSTOMER COPY

FORM 7000-1



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO18941**

Purchase Order Date 1/25/2013

PO Print Date 1/25/2013

Page Number 1 of 1

Order From :
ACKLANDS - GRAINGER INC.
P.O. BOX 2970
WINNIPEG, MB R3C 4B5
CA

VC-ACK001

Contact Name
Vendor Phone 613 632 2739
Vendor Fax 613 632 5386
Vendor Account Nbr

Buyer Brigitte Golden
Requisition Nbr
Tax Resale Nbr 10127-2607
Terms Net 30
Currency CAD
FOB Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	PFS-FW14S1	WASHER	1/25/2013 Yes	500.00 Each		\$0.0593	\$29.65
2	PFS-LNNC5/16S1	Lock Nut	1/25/2013 Yes	50.00 Each		\$0.1200	\$6.00

Special Inst: AS PER DWG: D2529 REV: E
B95917

Special Inst: AS PER DWG: D3015 REV: C
B96151 *Smb*

PO Total:

\$35.65

80 B-0128

Change Nbr:

1

Change Date: 1/25/2013

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required - YES NO